

### ABSTRACT OF THE DISCLOSURE

The present invention relates to a DNA construct containing a  
5 DNA for a serine proteinase inhibitor isolated from *Brassica oleracea*, which has  
antibiosis activity. The present invention also relates to transgenic plants and  
transgenic plant seeds containing that nucleic acid molecule. Resistance to  
herbivorous insects can be conferred to a plant by either transformation of the  
plant with the nucleic acid molecule which encodes a serine proteinase inhibitor  
10 isolated from *Brassica oleracea* or by application of that inhibitor to plants or  
plant seeds.